

# Nanoclass Square Pro Membrane FC

## Product Range



## Features



## Applications



## Filter Class

H



## KEY FACTS

- High efficiency (H14 > 99.995 % at MPPS)
- Available in depths of 69 and 90 mm
- High tensile strength
- 100% boron free
- Minipleat technology for laminar flow
- Extremely low pressure drop
- Guaranteed leak free

## DESIGN

e-PTFE membrane filter media folded into a pack and sealed into an anodized aluminum frame. A continuous, one-piece gasket ensures a perfect seal between the filter assembly and its housing. Grid to front and rear faces.

## APPLICATIONS

Final filter for clean rooms and clean workbenches. For separation of viruses, bacteria, toxic dust and aerosols, in hospitals/medical institutes, chemists, laboratories, clean rooms, pharmacy, food processing industry, microelectronics.

# Nanoclass Square Pro Membrane FC

## PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800522024166	H14	305 x 305 x 69	150	55
800522024167	H14	305 x 610 x 69	300	55
800522024168	H14	305 x 762 x 69	375	55
800522024169	H14	305 x 915 x 69	450	55
800522024170	H14	457 x 457 x 69	350	55
800522024171	H14	457 x 610 x 69	450	55
800522024172	H14	610 x 610 x 69	600	55
800522024173	H14	610 x 762 x 69	750	55
800522024174	H14	610 x 915 x 69	900	55
800522024176	H14	610 x 1220 x 69	1200	55
800522024175	H14	762 x 915 x 69	1130	55
800522024177	H14	762 x 1220 x 69	1500	55
800522024178	H14	1220 x 1220 x 69	2400	55

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800522024179	H14	305 x 305 x 90	150	55
800522024180	H14	305 x 610 x 90	300	55
800522024181	H14	305 x 762 x 90	375	55
800522024182	H14	305 x 915 x 90	450	55
800522024183	H14	457 x 457 x 90	350	55
800522024184	H14	457 x 610 x 90	450	55
800522024185	H14	610 x 610 x 90	600	55
800522024186	H14	610 x 762 x 90	750	55
800522024187	H14	610 x 915 x 90	900	55
800522024189	H14	610 x 1220 x 90	1200	55
800522024188	H14	762 x 915 x 90	1130	55
800522024190	H14	762 x 1220 x 90	1500	55
800522024191	H14	1220 x 1220 x 90	2400	55

## SPECIFICATION

<b>Recommended air flow</b>	Flow rate ± 10 %	<b>Recommended final pressure drop</b>	450 Pa (max. 600 Pa)
<b>Heat resistance</b>	Up to 70 °C (Peak 90 °C)	<b>Moisture resistance</b>	100 % rel. humidity
<b>Regenerable</b>	No	<b>Incinerable</b>	No

## OPTIONS

<b>Gasket</b>	Continuous polyurethane gasket, 1 or 2 sides
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